

IN THE CLAIMS:

Please amend the claims as follows:

1. (CANCELED)
  
2. (Currently Amended) [[A]] The method according to claim [[1]] 18, comprising:
  - [[ - ]] checking whether said parent object has already one or more associated objects being directly arranged subordinate to said parent object[[ : ]];
  - [[ - ]] ~~in ease~~wherein if at least one of said one or more already existing objects is of said run-time object type[[ : ]],~~rejecting said defining of said at least one new~~object.
  
3. (Currently Amended) [[A]] The method according to claim [[1]] 18, comprising:
  - [[ - ]] checking whether said parent object is of said fixed object type;
  - [[ - ]] checking whether said parent object has already one or more associated objects being directly arranged subordinate thereto; and
  - [[ - ]] checking whether said ~~at least one new~~ object is of said fixed object type[[ : ]];
  - [[ - ]] ~~in ease~~wherein if said parent object has no already associated objects and said parent object and said ~~at least one new~~ object are of said fixed objects type[[ : ]], concentrating said parent object and said ~~at least one new~~ object by replacing said parent object and said ~~at least one new~~ object with one combined new object being of a fixed object type.
  
4. (Currently Amended) [[A]] The method according to claim [[1]] 18, comprising:
  - [[ - ]] coding at least a part of a description document being based on said definition of said ~~at least one new~~ object and comprising information relating to said ~~at least one new~~ object and said properties of said ~~at least one new~~ object;
  - wherein said coded description document allowing for generating a hierarchical node structure for storing said management related information.

5. (Currently Amended) ~~[[A]]~~ The method according to claim ~~[[1]]~~ 18, wherein said hierarchical object structure is an information being part of the device description framework; and

wherein said hierarchical node structure ~~comprising a plurality of nodes~~ is a management tree employed for device management according to the synchronization markup language device management (~~SyncML-DM~~) standard defined by the SyncML Initiative.

6. (Currently Amended) ~~[[A]]~~ The method according to claim ~~[[1]]~~ 18, wherein ~~[[said]]~~ a description document is at least a part of a device description framework (~~DDF~~) document, said device description framework (~~DDF~~) document being an extended markup language (~~XML~~) encoded document being encoded in accordance with a corresponding description framework document type description (~~DTD~~).

7. (Currently Amended) A software tool for defining a hierarchical structure consisting of a plurality of entities, comprising program portions for carrying out the operations of claim ~~[[1]]~~ 18 when said program is implemented in a computer program for being executed on a processing device, a networked device, a networked server, a terminal device or a communication terminal device.

8. (Currently Amended) A computer program product for defining a hierarchical structure consisting of a plurality of entities, comprising loadable program code sections for carrying out the operations of claim ~~[[1]]~~ 18 when said computer program is executed on a processing device, a networked device, a networked server, a terminal device or a communication terminal device.

9. (Currently Amended) A computer program product for defining a hierarchical structure consisting of a plurality of entities, wherein said computer program product comprises program code sections stored on a computer readable medium for carrying out the method of claim ~~[[1]]~~ 18 when said computer program product is executed on a processing device, a networked device, a networked server, a terminal device or a communication terminal device.

10. (Currently Amended) A computer data signal embodied in a carrier wave and representing a program which, when executed by a processor, causes the method of claim [[1]] 18 to be carried out.

11. (CANCELED)

12. (CANCELED)

13. (Currently Amended) A management system according to claim [[12]] 20, wherein each object of said plurality of objects is allowed to have only one directly subordinate arranged object which has said run-time object type.

14. (Currently Amended) A management system according to claim [[12]] 20, wherein said hierarchical object structure has a concentrated object which has said fixed object type, wherein said concentrated object is constructed from a parent object and a child object, wherein said parent object is an object which is directly arranged superordinate to said child object, and

wherein said concentrated object is implemented ~~in case that~~ if

[[ - ]] said parent object has said fixed object type;

[[ - ]] said child object has said fixed object type; and

[[ - ]] said child object is the only object which is directly arranged subordinate to said parent object.

15. (CANCELED)

16. (Currently Amended) A management system according to claim [[15]] 21, wherein two or more child nodes which have said run-time node type and which have a same parent node have a common format,

wherein said parent node is directly superordinate arranged to said [[to]] two or more child nodes, and

wherein said common format determines that management related information distributed among said two or more child nodes having said run-time node type relates to the same function of at least one out of said managed mobile communication enabled device and/or application running on said managed mobile communication enabled device.

17. (Currently Amended) A management system according to claim ~~[[15]]~~ 21, wherein said hierarchical node structure has a concentrated node which has said fixed node type,

wherein said concentrated node is constructed from a parent node and a child node,

wherein said parent node is a node which is directly arranged superordinate to said child node, and

wherein said concentrated node is implemented ~~in case that~~ if

[[ - ]] said parent node has said fixed node type;

[[ - ]] said child node has said fixed node type; and

[[ - ]] said child node is the only node which is directly arranged subordinate to said parent node.

18. (New) A method, comprising:

defining at least one new object to be associated to a parent object arranged directly superordinate to said new object, and part of a hierarchical object structure comprising a plurality of objects being hierarchically associated;

wherein said plurality of objects comprises different types of objects out of a group including at least a fixed object, a run-time object, a leaf object, and a link object; and

wherein said fixed object type has a fixed title, and wherein said run-time object has a title defined during run-time;

checking said type of said parent object; and

wherein if said parent object is of said fixed object type, defining said new object having a type out of a group comprising said fixed object, said run-time object, said leaf object and said link object; and

wherein if said parent object is of said run-time object type, defining said new object having a type out of a group comprising said fixed object, said leaf object and said link object;

defining properties of said new object;

wherein said plurality of objects serves as template object for deriving corresponding nodes;

wherein said hierarchical object structure serves as a template structure for deriving hierarchical node structures; and

wherein said hierarchical node structure comprising a plurality of said nodes is employed for distributing management related information of an electronic device among said plurality of nodes, certain parts of said management related information being assigned to at least one of said plurality of nodes.

19. (New) An apparatus, comprising:

a processing unit for defining at least one new object to be included into a hierarchical object structure comprising a plurality of objects being hierarchically associated;

a memory unit; and

a communication interface;

wherein said plurality of objects comprising different types of objects out of a group including at least a fixed object, a run-time object, a leaf object and a link object,

wherein said fixed object type has a fixed title, and wherein of said run-time object has a title defined during run-time;

wherein said processing unit is configured for;

checking said type of said parent object; and

wherein if said parent object is of said fixed object type, defining said new object having a type out of a group comprising said fixed object, said run-time object, said leaf object and said link object; and

wherein if said parent object is of said run-time object type, defining said new object having a type out of a group comprising said fixed object, said leaf object and said link object;

defining properties of said new object;  
wherein said plurality of objects serves as template object for deriving corresponding nodes;  
wherein said hierarchical object structure serves as a template structure for deriving hierarchical node structures; and  
wherein said hierarchical node structure comprising a plurality of said nodes is employed for distributing management related information of an electronic device among said plurality of nodes, certain parts of said management related information being assigned to at least one of said plurality of nodes.

20. (New) A management system, comprising:

a managed mobile communication enabled device; and  
a hierarchical object structure comprising a plurality of objects being hierarchically associated,

wherein each object of said plurality of objects has a certain object type which is an object type out of the group comprising at least fixed object, run-time object, leaf object and link object;

wherein said fixed object type has a fixed title, and wherein said run-time object has a title defined during run-time;

wherein if a parent object, which is directly arranged superordinate to at least one new object to be defined and is part of said hierarchical object structure has said fixed object type, said at least one new object has a type out of a group comprising said fixed object type, said run-time object type, said leaf object type and said link object type; and

wherein if said parent object has said run-time object type, said at least one new object has a type out of a group comprising said fixed object type, said leaf object type and said link object type;

wherein said hierarchical object structure being constituted by said plurality of objects describes and allows generation of a hierarchical node structure constituted by a plurality of nodes;

wherein said hierarchical node structure comprising said plurality of nodes is employed for distributing management related information of said managed mobile

communication enabled device among said plurality of nodes, certain parts of said management related information being assigned to at least one of said plurality of nodes; wherein said managed mobile communication enabled device comprises a device management agent configured to generate at least a part of said hierarchical node structure from said hierarchical object structure to establish said part of said hierarchical node structure and to implement said part of said hierarchical node structure into said managed mobile communication enabled device;

wherein said device management agent is configured to distribute management related information among said plurality of nodes constituting said hierarchical node structure; and

wherein said device management agent is configured to retrieve at least parts of said management related information from one or more nodes of said plurality of nodes for configuring functions of at least one out of said managed mobile communication enabled device and applications running on said managed mobile communication enabled device to be operable.

21. (New) A management system, comprising:

a managed mobile communication enabled device; and

a hierarchical node structure comprising a plurality of nodes for distributing management related information of said managed mobile communication enabled device among said plurality of nodes, certain parts of said management related information being assigned to at least one of said plurality of nodes;

wherein each node of said plurality of nodes has a certain node type which is a node type out of the group comprising at least fixed node, run-time node, leaf node and link node;

wherein said fixed object type has a fixed title, and wherein said run-time object has a title defined during run-time;

wherein if a parent node, which is directly arranged superordinate to one node and is part of said hierarchical node structure, has said fixed node type, said one node has a type out of a group comprising said fixed node type, said run-time node type, said leaf node type and said link node type; and

wherein if said parent node has said run-time node type, said one node has a type out of a group comprising said fixed node type, said leaf node type and said link node type;

wherein said managed mobile communication enabled device comprises a device management agent configured to distribute management related information among said plurality of nodes;

wherein said device management agent is configured to retrieve at least parts of said management related information from one or more nodes of said plurality of nodes; and

wherein said device management agent is for configuring functions of at least one out of said managed mobile communication enabled device and applications running on said managed mobile communication enabled device to be operable.

22. (New) An apparatus, comprising:

means for defining at least one new object to be included into a hierarchical object structure comprising a plurality of objects being hierarchically associated;

means for storing data; and

means for interfacing communications;

wherein said plurality of objects comprising different types of objects out of a group including at least a fixed object, a run-time object, a leaf object and a link object,

wherein said fixed object type has a fixed title, and wherein said run-time object has a title defined during run-time;

wherein said apparatus further comprises:

means for checking said type of said parent object; and

wherein if said parent object is of said fixed object type, defining said new object having a type out of a group comprising said fixed object, said run-time object, said leaf object and said link object; and

wherein if said parent object is of said run-time object type, defining said new object having a type out of a group comprising said fixed object, said leaf object and said link object;

means for defining properties of said new object;



wherein said plurality of objects serves as template object for deriving corresponding nodes;

wherein said hierarchical object structure serves as a template structure for deriving hierarchical node structures; and

wherein said hierarchical node structure comprising a plurality of said nodes is employed for distributing management related information of an electronic device among said plurality of nodes, certain parts of said management related information being assigned to at least one of said plurality of nodes.